

Title (en)

Image forming apparatus based on an array of light emitting elements with individual brightness correction for achieving even image quality

Title (de)

Bildausgabegerät basierend auf einem Lichtquellen-Array mit individueller Helligkeitskorrektur für gleichmässige Bildqualität

Title (fr)

Appareil de formation d'images comprenant un ensemble d'éléments émetteurs de lumière avec correction individuelle de la luminosité pour obtenir des images d'une qualité régulière

Publication

**EP 1278367 A3 20040728 (EN)**

Application

**EP 02015804 A 20020715**

Priority

- JP 2001220244 A 20010719
- JP 2002013010 A 20020122
- JP 2002021551 A 20020130

Abstract (en)

[origin: EP1278367A2] There is described an image-forming apparatus, which can prevent unevenness of an image by controlling the brightness of light-sources. The apparatus includes a light source, including a plurality of light-emitting elements aligned within a predetermined width; an exposure-controlling section to individually control each of intensities of light beams emitted by the plurality of light-emitting elements; and a memory section to store light-intensity compensation data for each of the plurality of light-emitting elements. The image is formed by simultaneously exposing the light beams aligned within the predetermined width onto the photosensitive recording medium, and the exposure-controlling section controls each of the plurality of light-emitting elements based on the light-intensity compensation data concerned, so that each of intensities of the light beams substantially coincides with each of target intensities set in advance.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

**G06K 15/1238** (2013.01 - EP US); **H04N 1/4015** (2013.01 - EP US); **G06K 2215/0085** (2013.01 - EP US)

Citation (search report)

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